

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050170

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 896 897 A (MANNESMANN VDO AKTIENGESELLSCHAFT; SIEMENS AKTIENGESELLSCHAFT) 17 February 1999 (1999-02-17) cited in the application column 3, line 47 - column 4, line 25; figure 1	1-8
A	US 5 202 950 A (AREGO ET AL) 13 April 1993 (1993-04-13)	
A	US 5 877 829 A (OKAMOTO ET AL) 2 March 1999 (1999-03-02) cited in the application abstract	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

2 August 2005

Date of mailing of the international search report

19/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 825 436 A (K.R.KNIGHT) 20 October 1998 (1998-10-20) cited in the application abstract; figures 1-9 -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050170

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			DE	59804398 D1	18-07-2002
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